SUPPLEMENTAL DECLARATION FOR PATENT APPLICATION

As a below named inventor, I declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Streptococcus pneumoniae Antigens and Vaccines

the specification of which was filed on October 30, 1997 as U.S. Application Serial No. 08/961,083.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):				Priority Cl Yes	<u>aimed</u> No
(Number)	(Country)	(Day/Mon	th/Year Filed)	 .	
I hereby claim the benefit unde below.	er 35 U.S.C. § 119	(e) of any Ur	nited States provi	sional applicatio	n(s) listed
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(Application Serial No.)	(Filing D	ate)		•	
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I hereby claim the benefit under 365(b) of any PCT internation subject matter of each of the conternational application in the acknowledge the duty to discled 1.56 that became available bet international filing date of this	al application desi- laims of this applice manner provided ose information that ween the filing da	gnating the Usation is not of by the first part is material	Inited States, listed disclosed in the paragraph of 35 U to patentability a	ed below and, in: rior United State S.C. § 112, I s defined in 37 (c.F.R. §
(Application Serial No.)	(Filing Date)		(Status: patente	d, pending, aban	doned)

Inventor's signature: Residence: 11429 Potomae Oaks Drive, Rockville, MD 20850 Citizenship: KR Post Office Address: same as above Full name of first joint inventor: Charles A. Kunsch Inventor's signature: Date: 9/14/99 KR Date: Date:
Residence: 11429 Potomae Oaks Drive, Rockville, MD 20850 Citizenship: KR Post Office Address: same as above Full name of first joint inventor: Charles A. Kunsch Inventor's signature: Date:
Residence: 11429 Potomae Oaks Drive, Rockville, MD 20850 Citizenship: KR Post Office Address: same as above Full name of first joint inventor: Charles A. Kunsch Inventor's signature: Date:
Post Office Address: same as above Full name of first joint inventor: Charles A. Kunsch Inventor's signature: Date:
Inventor's signature: Date:
Inventor's signature: Date:
Inventor's signature: Date:
Residence: 4083 Spalding Hollow Norcross, GA 30092 Citizenship: US
Post Office Address: same as above
1 OSt Office / Radioss.
Full name of additional joint inventor: Steven C. Barash
Inventor's signature: Date:
Residence: 111 Watkins Pond Blvd. #301 Rockville, MD 20850 Citizenship: US
Post Office Address: same as above
Euli name of additional inint inventors. Details I Dillon
Full name of additional joint inventor: Patrick J. Dillon
Inventor's signature: Date:
Residence: 1055 Snipe Court, Carlsbad, CA 92009 Citizenship: US
Post Office Address: same as above
Full name of additional joint inventor: Brian Dougherty
Inventor's signature: Date:
Residence: 10 Rosemary Lane, Killingworth, CT 06419 Citizenship: US
Post Office Address: same as above

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Full name of additional joint inventor:	Michael R. Fannon
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Inventor's signatu	re:	•				Date:	÷
Residence:	13501 Rip	pling Brook D	rive, Silv	er Spring, M	D 20906	Citizenship:	US
Post Office Addre	ess:	same as above	ve.				
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		•	·	-			
Full name of add	litional joi	nt inventor:		Craig A. Ro	sen		
			· · ·				
Inventor's signatu	re:					Date:	
Residence:	22400 Ro	lling Hill Road	, Laytons	ville, MD 20	882	Citizenship:	US
Post Office Addr	ess:	same as abo	ve				

Prior Foreign Application(s):



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(Number)	(Country)	(Day/Month/Yea	r Filed)		. •
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I hereby claim the benefit un below.	nder 35 U.S.C. § 119	9(e) of any United St	ates provisional a	pplication	n(s) listed
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I hereby claim the benefit un 365(b) of any PCT internation subject matter of each of the international application in the acknowledge the duty to disc 1.56 that became available be international filing date of the	onal application des claims of this appli he manner provided close information the etween the filing da	ignating the United S ication is not disclose I by the first paragrap nat is material to pate	States, listed belowed in the prior Unity of 35 U.S.C. § Intability as define	v and, ins ted State: 112, I d in 37 C	s or PCT
(Application Serial No.)	(Filing Date)) (Statu	s: patented, pendi	ng, abanc	ioned)

Full name of additional joint inventor: Gil H. Choi	· · · · · · · · · · · · · · · · · · ·	
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Inventor's signature:	Date:	
Residence: 11429 Potomac Oaks Drive, Rockville, MD 20850	Citizenship:	KR
Post Office Address: same as above	• • • • • • • • • • • • • • • • • • •	
Full name of first joint inventor: Charles A. Kunsch	· · · · · · · · · · · · · · · · · · ·	
Inventor's signature: Residence: 4083 Spalding Hollow Norcross, GA 30092	Date:	1410 US
Post Office Address: same as above		•
Full name of additional joint inventor: Steven C. Barash		· ·
Inventor's signature:	Date:	
Residence: 111 Watkins Pond Blvd. #301 Rockville, MD 20850		US
Post Office Address: same as above	• 	
Full name of additional joint inventor: Patrick J. Dillon		
Inventor's signature:	Date:	14.
Residence: 1055 Snipe Court, Carlsbad, CA 92009	Citizenship:	US
Post Office Address: same as above	•	
Full name of additional joint inventor: Brian Dougherty	·	
Inventor's signature:	Date:	
Residence: 10 Rosemary Lane, Killingworth, CT 06419	Citizenship:	US
Post Office Address: same as above		
$oldsymbol{\cdot}$		

Full name of additional joint inventor:		it inventor:	Michael R. Fannon				
Inventor's signatu	re:			Date:	•		
Residence:	13501 Rip	pling Brook Drive,	Silver Spring, MD 20906	Citizenship:	US		
Post Office Addre	ess:	same as above	· - -	-			
			: v::	-			
Full name of add	litional joir	t inventor:	Craig A. Rosen		٠,		
Inventor's signatu	re:	· · · · · · · · · · · · · · · · · · ·		Date:			
Residence:	22400 Ro	ling Hill Road, Lay	tonsville, MD 20882	Citizenship:	US		
Post Office Addre	ess:	same as above					
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Prior Foreign Application(s):			Dai a aite Cil	
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(Number)	(Country)	(Day/Month/Year Filed)		
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I hereby claim the benefit und	er 35 U.S.C. § 11	19(e) of any United States provision	onal application	ı(s) listed
below.				1.
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(Application Serial No.)	(Filing	Date)	· · · · · · · · · · · · · · · · · · ·	
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365(b) of any PCT internation subject matter of each of the of international application in the acknowledge the duty to discl	nal application de claims of this app e manner provide lose information t tween the filing o	20 of any United States applications ignating the United States, listed lication is not disclosed in the priced by the first paragraph of 35 U.Sthat is material to patentability as date of the prior application and the	below and, ins or United States I.C. § 112, I defined in 37 C	S or PCT
				
(Application Serial No.)	(Filing Date	e) (Status: patented,	pending, aband	ioned)
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Full name of additional joint inventor: Gil H. Choi		
Inventor's signature:	Date:	
Residence: 11429 Potomac Oaks Drive, Rockville, MD 20850	Citizenship:	KR
Post Office Address: same as above	- Chizensinp.	1210
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		• • •
Full name of first joint inventor: Charles A. Kunsch		
	At all own makes about the last of the las	
Inventor's signature:	Date:	
Residence: 4083 Spalding Hollow Norcross, GA 30092	Citizenship:	US
Post Office Address: same as above	C.C.20.15Mp.	
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Tall and a Reality and the Art		
Full name of additional joint inventor: Steven C. Barash		
Inventor's signature: Stem Barash	Date: 9	15/99
Residence: 111 Watkins Pond Blvd. #301 Rockville, MD 20850	Date: 9 Citizenship:	US
Post Office Address: same as above		

Full name of additional joint inventors. Detrick I Dillan		
Full name of additional joint inventor: Patrick J. Dillon		
Inventor's signature:	Date:	*
Residence: 1055 Snipe Court, Carlsbad, CA 92009	Citizenship:	US
Post Office Address: same as above	• 	
Full name of additional joint inventor: Brian Dougherty		
Tun name of additional joint inventor. Brian Dougherty		
		•
Inventor's signature:	Date:	
Residence: 10 Rosemary Lane, Killingworth, CT 06419	Citizenship:	US.
Post Office Address: same as above		

Full name of add	litional joint inventor:	Michael R. Fannon	
Inventor's signature Residence: Post Office Addre	13501 Rippling Brook Drive		Date: 9/15/99 Citizenship: US
Fost Office Addic	same as above		
Full name of add	litional joint inventor:	Craig A. Rosen	
Inventor's signatu	rre:/_	2	Date: 1/5/49
Residence:	22400 Rolling Hill Road, La	ytonsville, MD 20882	Citizenship: US
Post Office Addre	ess: same as above		

Prior Foreign Application(s):

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(Application Serial No.)	(Filing Date)	 , <u>-</u>	(Status: paten	ted, pend	ling, aband	oned)
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Post Office Address: same as above	Cruzensinp
Full name of additional joint inventor: Steven C. Barash	·
Inventor's signature:	Date:
Residence: 111 Watkins Pond Blvd. #301 Rockville, MD 20850	
Post Office Address: same as above	
Full name of addition Daint immediate Posticial I Dillon	
Full name of additional joint inventor: Patrick J. Dillon	
(Y) (X)	O(1)
Inventor's signature:	Date: 4/20/99
Residence: 1055 Snipe Court, Carlstad, CA 92009	Citizenship: US
Post Office Address: same as above	
Full name of additional joint inventor: Brian Dougherty	
Inventor's signature:	Date:
Residence: 10 Rosemary Lane, Killingworth, CT 06419	Citizenship: US
Post Office Address: same as above	

Full name of additional joint inventor:		Michael R. Fannon	· · · · · · · · · · · · · · · · · · ·		
					• •
Inventor's signature	:	•		Date:	
Residence:	13501 Rip	pling Brook Drive, Si	lver Spring, MD 20906	Citizenship:	US
Post Office Address	s:	same as above			
<u> </u>					
Full name of addit	tional join	t inventor:	Craig A. Rosen		
	•				
Inventor's signature	:		:	Date:	• •••
Residence:	22400 Rol	ling Hill Road, Layto	nsville, MD 20882	Citizenship:	US
Post Office Addres	s:	same as above			

Prior Foreign Application(s):

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Priority Claimed

				Yes	No
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(Application Serial No.)	(Filing Date	e) (S	Status: patente	ed, pending,	abandoned)

ruii name oi additiona	Joint inventor: Gil H. Choi	
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Inventor's signature:		Date:
	omac Oaks Drive, Rockville, MD 20850	Citizenship: KR
	same as above	•
Full name of first joint	inventor: Charles A. Kunsch	
run name of mist joint	Charles A. Kunsch	
Inventor's signature:		Date:
	ding Hollow Norcross, GA 30092	Citizenship: US
Post Office Address:	same as above	
		•
Full name of additiona	l joint inventor: Steven C. Barash	•
		·
Inventor's signature:		Date:
	ins Pond Blvd. #301 Rockville, MD 20850	Citizenship: US
Post Office Address:	same as above	·
		•
Full name of additiona	l joint inventor: Patrick J. Dillon	
Tananta da siamatana		Dotos
Inventor's signature:	oe Court, Carlsbad, CA 92009	Date: Citizenship: US
Post Office Address:		Citizensinp. <u>OG</u>
· · ·		
Full name of additiona	l joint inventor: Brian Dougherty	
Inventor's signature:	Men K/lphy	Date: 4/17/54
	pary Lane, Killingworth, CT 06419	Citizenship: / US
Post Office Address:	same as above	·

Full name of additional joint inventor:		Michael R. Fannon		
				•
Inventor's signature:	·	·	Date:	•
Residence: 13501 Ri	ppling Brook Drive, S	Silver Spring, MD 20906	Citizenship:	US
Post Office Address:	same as above			
Full name of additional join	int inventor:	Craig A. Rosen		
Inventor's signature:			Date:	
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